

# Idaho Content Standards

## Mathematics Concepts And Vocabulary Grade 4

**\*This word list is not to be taught to students. The list is only reflective of concepts that students may encounter in classroom or state assessments.**

**\*The words in this list are intended to match the language of instruction to the language of assessment.**

**Students are expected to know and apply VOCABULARY from previous grades.**

*Words in italics indicate that these words may be new for this grade level.*

### Standard 1: Number and Operation

add	<i>hundred thousand</i>
addend	<i>million</i>
calculator	multiply
<i>cent</i>	nickel
change (money)	number line
collection	<i>numerator</i>
combination	odd number
compare	one
computation	operation
<i>decimal</i>	order
<i>denominator</i>	penny
difference	place value
<i>digit</i>	predict
dime	product
<i>divide</i>	quarter
<i>dividend</i>	<i>quotient</i>
<i>divisor</i>	<i>regroup (borrow, carry)</i>
dollar	<i>rounding</i>
double	<i>sequence</i>
<i>eighth</i>	solve
estimate	subtract
<i>evaluate</i>	sum
even number	ten
<i>expanded form</i>	ten thousand
<i>fifth</i>	third
fourth	thousand
fraction	total
half	triple
half dollar	twice
hundred	whole number

### Standard 2: Concepts and Principles of Measurement

calendar	capacity
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Celsius  
centimeter  
*convert*  
cup  
customary  
day  
degree  
digital  
*elapsed time*  
*equivalence*  
Fahrenheit  
foot  
gallon  
*gram*  
half hour  
hour  
hour hand  
inch  
*kilogram*  
kilometer  
length  
liter  
measurement  
meter  
metric  
mile  
*millimeter*  
minute

minute hand  
ounce  
*per*  
pint  
pound  
quart  
quarter  
quarter hour  
ruler  
temperature  
thermometer  
time  
ton  
unit  
volume  
week  
weight  
*width*  
yard  
year

### Standard 3: Concepts and Language of Algebra and Functions

addend  
addition  
algebra  
commutative property  
*division*  
equal  
equal sign  
equal to  
equation  
extend  
fact family  
factor  
*formula*  
*function*

greater than  
*identity property*  
length  
less than  
measure  
more than  
multiplication  
number sentence  
pattern  
rule  
subtraction  
symbol  
unknown number  
*zero property*

### Standard 4: Concepts and Principles of Geometry

angle  
area  
attribute  
circle  
cone  
*coordinate grid*  
cube  
cylinder  
*face*  
*first quadrant*  
flip  
geometry  
geometric  
horizontal  
*intersecting*  
line  
line of symmetry  
number line  
*ordered pair*  
*parallel*

*perimeter*  
*perpendicular*  
point  
*polygon*  
*prism*  
pyramid  
*quadrilateral*  
rectangle  
right angle  
shape  
side  
slide  
sphere  
square  
symmetry  
*three dimensional shape*  
triangle  
*two dimensional shape*  
vertical

<b>Standard 5: Data Analysis, Probability, and Statistics</b>
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*axes labels*  
*axes scales*  
bar graph  
chart  
*circle graph (pie chart)*  
column  
data  
diagram  
display  
*experiment*  
graph

*label*  
*line graph*  
*mode*  
pictograph  
prediction  
*probability*  
row  
table  
tally mark  
*title*